AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Currently amended): A display device including:

a display that produces a visible representation of an image, the display including a display housing; ~~and~~

an illuminant condition sensor that senses illuminant conditions surrounding the display device, the illuminant condition sensor being integrated with the display housing so as to form part of the display device; and

circuitry that automatically calibrates the display according to the illuminant conditions sensed by the illuminant condition sensor.

Claim 2 (Canceled).

Claim 3 (Currently amended): The display device of claim 1, wherein the illuminant condition sensor is positioned to senses display emission characteristics of the display in addition to illuminant conditions surrounding the display device.

Claim 4 (Currently amended): The display device of claim 3, ~~further comprising computer circuitry coupled to the sensor,~~ wherein the computer circuitry automatically calibrates ~~ing~~ the display according to the illuminant conditions sensed by the sensor and the display emission characteristics sensed by the sensor.

Claim 5 (Original): The display device of claim 1, further comprising a second sensor that senses display emission characteristics.

Claim 6 (Original): The display device of claim 1, wherein the illuminant condition sensor senses display emission characteristics of the display in addition to illuminant conditions surrounding the display device, and wherein the sensor can be positioned at a first location to detect illuminant conditions and positioned at a second location to detect emission characteristics.

Claim 7 (Original): The display device of claim 1, wherein the sensor comprises a charge coupled device.

Claim 8 (Original): The display device of claim 7, wherein the charged coupled device is a linear charged coupled device.

Claim 9 (Canceled).

Claim 10 (Original): The display device of claim 1, wherein the sensor comprises a charge injection device.

Claim 11 (Original): The display device of claim 1, wherein the sensor comprises a photomultiplier tube.

Claim 12 (Original): The display device of claim 1, wherein the sensor comprises a photodiode.

Claim 13 (Original): The display device of claim 1, wherein the sensor comprises a spectroradiometer.

Claim 14 (Currently amended): The display device of claim 1, wherein the sensor comprises a ~~complimentary~~ complementary metal oxide semiconductor.

Claim 15 (Currently amended): A method comprising:

sensing illuminant conditions with an illuminant condition sensor that forms part of a display device, the illuminant condition sensor being integrated with the display device so as to form part of the display device; and

automatically adjusting display characteristics of the display device according to the sensed illuminant conditions.

Claim 16 (Original): The method of claim 15, wherein the illuminant condition sensor provides input to a display driver, and wherein the display characteristics of the display device are automatically adjusted by the display driver.

Claim 17 (Currently amended): The method of claim 15, wherein the circuitry comprises calibration circuitry, wherein the illuminant condition sensor provides input to the calibration circuitry, and wherein the display characteristics of the display device are automatically adjusted by the calibration circuitry.

Claim 18 (Original): The method of claim 15 wherein sensing illuminant conditions with an illuminant condition sensor comprises sensing illuminant conditions with a charged coupled device.

Claim 19 (Original): The method of claim 15, further comprising sensing display emission characteristics and automatically adjusting display characteristics of the display device according the display emission characteristics.

Claim 20 (Original): The method of claim 19, wherein sensing display emission characteristics comprises sensing display emission characteristics with the illuminant condition sensor.

Claim 21 (Currently amended): A method comprising:

sensing illuminant conditions with an illuminant condition sensor that forms part of a display device, the illuminant condition sensor being integrated with the display device so as to form part of the display device; and

adjusting color data received from a source device for use by the display device ~~according to~~ based on a source device profile associated with a source imaging device, a destination device profile associated with the display device, and the sensed illuminant conditions.

Claim 22 (Original): The method of claim 21, wherein sensing illuminant conditions with an illuminant condition sensor comprises sensing illuminant conditions that a charged coupled device.

Claim 23 (Original): The method of claim 21, further comprising sensing display emission characteristics and adjusting color data according the sensed display emission characteristics.

Claim 24 (Original): The method of claim 21, further comprising sensing display reflection characteristics and adjusting color data according the sensed display reflection characteristics.

Claim 25 (Original): The method of claim 23, wherein sensing display emission characteristics comprises sensing display emission characteristics with the illuminant condition sensor.

Claim 26 (Original): The method of claim 21, wherein adjusting color data occurs in a color matching module.

Claim 27 (Original): The method of claim 21, wherein adjusting color data comprises adjusting color data according to an illuminant condition algorithm.

Claim 28 (Original): The method of claim 21, wherein adjusting color data comprises adjusting color data according to an illuminant condition look-up table.

Claim 29 (Original): The method of claim 27, wherein adjusting color data further comprises adjusting color data according to an emission characteristics algorithm.

Claim 30 (Original): The method of claim 28, wherein adjusting color data further comprises adjusting color data according to an emission characteristics look-up table.

Claim 31 (Currently amended): A system comprising:

a display device including an illuminant condition sensor that senses illuminant conditions surrounding the display device, the illuminant condition sensor being integrated with the display device so as to form part of the display device; and

a color matching module coupled to the sensor that automatically adjusts color data received from a source device for use by the display device ~~according to~~ based on a source device profile, a destination device profile associated with the display device, and the sensed illuminant conditions.

Claim 32 (Original): The system of claim 31, wherein the illuminant condition sensor includes a charged coupled device.

Claim 33 (Currently amended): The system of claim 31, wherein the illuminant condition sensor further senses emission characteristics of the display device, and

wherein the color matching module further adjusts the color data based on ~~according the~~ sensed emission characteristics.

Claim 34 (Original): The system of claim 31, wherein the color matching module adjusts color data according to an illuminant condition algorithm.

Claim 35 (Original): The system of claim 31, wherein the color matching module adjusts color data according to an illuminant condition look-up table.

Claim 36 (Original): The system of claim 33, wherein the color matching module adjusts color data according to an emission characteristics algorithm.

Claim 37 (Original): The system of claim 33, wherein the color matching module adjusts color data according to an emission characteristics look-up table.

Claim 38 (Original): The system of claim 31, further comprising a color management control, the color matching module residing in the color management control.

Claim 39 (Original): The system of claim 38, further comprising a printing device coupled to the color management control.

Claim 40 (Original): The system of claim 39, further comprising a plurality of a display devices, each including an illuminant condition sensor that senses illuminant conditions surrounding the respective display device.